ABSTRACT OF THE DISCLOSURE

A communication apparatus transmits, to another apparatus or apparatuses, a message for searching for an apparatus as a connection target by radio communication, and receives a response message from another apparatus which has received the message, thereby searching for an apparatus as a connection target. The control information setting section of the device body of a communication apparatus inputs a search range in which a station finding message reaches in accordance with designation by a user and sets it as set information. The station finding procedure section of the radio communication apparatus transmits the station finding message in accordance with a transmission power corresponding to the control information set by the control information setting section.